

MEASUREMENT, GEOMETRY, AND TRIGONOMETRY HOMEWORK

Day 1

- Read chapters 0 – 4, 13.1 – 13.3
- Do problems from chapter 0, 1, 2. Problems that may be of particular interest:
 - 0.1:** 6,9
 - 0.5:** 9
 - 1.1:** 19, 20, 27, 29 – 31, 35
 - 1.alg:** 1 – 8
 - 1.2:** 26 – 29, 37 – 39
 - 1.3:** 1 – 7, 11, 15 – 26, 28, 29, 32, 33
 - 1.4:** 15 – 17, 20, 27
 - 1.5:** 12 – 14
 - 1.6:** 13, 14, 18
 - 1.7:** 16, 19, 20, 21, 27, 28
 - 1.9:** 7 – 10, 35, 36
 - 2.5:** 4 – 6, 8, 9
 - 2.6:** 7, 8, 12, 14 – 16
 - 2.alg:** 1 – 10
- Begin journal recording definitions, postulates, theorems, conjectures, constructions
- Bring a ruler, yard stick, meter stick or some other thin straight object to class on Monday

Day 2

- Read chapters 5, 6, 9, 12.1, 12.2, 13.4 – 13.6
- Practice constructions with 3.1 – 3.5 in the workbook
- Do problems from chapter 3, 4, 13.1 – 13.3. Problems that may be of particular interest:
 - 3.1, p147:** 6-9
 - 3.2, p151:** 5, 7-10, 21
 - 3.3, p155:** 5, 10-12, 19
 - 3.4, p160:** 7, 12, 15, 16
 - 3.5, p164:** 4, 7, 8, 17
 - 3.alg, p169:** 6, 7, 9
 - 3.6, p171:** 6, 9, 10, 15
 - 3.7, p181:** 3, 5, 8, 9
 - 3.8, p188:** 2, 4, 8, 10
 - 3.review, p193:** 1-10
 - 4.1, p203:** 9, 11, 20-24
 - 4.2, p208:** 7, 9, 10, 12
 - 4.3, p218:** 11-13, 20
 - 4.4, p224:** 4-11, 13-15, 17

4.5, p229: 10, 17, 18, 28
4.6, p233: 3, 5, 6, 8, 12, 19
4.8, p245: 3, 4, 6, 12 (not in flowchart form)
13.1, p698: 10-17, 25, 29
13.2, p708: 9, 11, 12
13.3, p712: 3, 5, 6, 12, 13

Day 3

- Read chapters 8 – 10, 12.3 – 12.5
- Do the “Practice with Constructions” worksheet
- Finish workbook pages from class
- Take diagnostic test
 - Give yourself plenty of time.
 - Some parts of the test should be skipped or altered (for various reasons):
 - * Skip Chapters 1 – 3 Part D.
 - * Skip Chapters 4 – 6 Part C numbers 1 and 2.
 - * Do Chapters 4 – 6 Part D as a two column proof.
 - Grade it on your own
 - Return it on Wednesday.
- Do problems from chapter 5, 6, 9, 12.1, 12.2, 13.4 – 13.6 Problems that may be of particular interest:
 - 5.1, p259:** 8, 9, 12, 14, 17
 - 5.2, p263:** 7, 10, 12
 - 5.3, p271:** 7, 10, 17
 - 5.4, p277:** 5, 7, 14
 - 5.5, p283:** 4, 5, 6, 11, 15, 16, 21, 22
 - 5.alg, p289:** 10, 13, 143
 - 5.6, p294:** 1 – 10, 15, 21
 - 5.7, p300:** 2, 3, 8, 9, 10 (not flowchart)
 - 6.1, p314:** 1, 2, 5, 10, 11, 16
 - 6.2, p320:** 1 – 12, 14
 - 6.3, p327:** 5, 9, 11, 13, 16, 17
 - 6.4, p332:** 1 – 8, 11 – 19
 - 12.1, p644:** 7 – 9, 14 – 22
 - 12.2, p648:** 1 – 6, 12, 13, 16

Day 4

- Read chapters 7, 11
- Finish workbook pages from class
- Prepare for Final exam
 - Work through given Theorems

- Do problems from chapter 5, 6, 9, 12.1, 12.2, 13.4 – 13.6 Problems that may be of particular interest:

8.1 p425: 6, 8, 15, 23

8.2 p430: 7, 12 – 15, 20

8.3 p435: 3, 10

8.4: p443 6, 8, 14

8.5 p451: 10, 13, 16

8.6 p455: 2, 7, 12

8.7 p466: 4, 8, 10, 12

Ch. 9 Review, p512: 2, 8, 9 – 12, 18, 22

10.1 p524: 27 – 35

10.2 p533: 5, 6, 7, 12

10.3 p540: 1, 6, 9, 10

10.4 p548: 5, 10

10.5 p552: 2, 3, 7

10.6 p559: 5, 10

10.7 p563: 3, 8

13.4 p717: 1 – 11 (pick a selection for yourself)

13.5 p724: 6

13.6 p728: 1 – 7